

FIGURE 1-A

SNP Reference	Chromosome	Chromosome Position	Contig Identification <sup>[1]</sup>	Contig Position	Sequence Identification <sup>[2]</sup>	Sequence Position	Synonymy	Locus	Locus ID	Allelic Variability	Breast Cancer Associated Allele
911229	1	156897154	NT_004668	6571681	NM_000702	downstream		ATP1A2	477, 480	G/C	G
1020445	2	46330984	NT_022184	25189207	NM_005400	intragenic		PRKCE	5581	C/T	C
161446	3	7817039	NT_005927	7754039						C/T	T
AA		SEE FIG 2								C/T	T
1868220	3	60753893	NT_005999	9836847						A/G	A
868767	3	142658941	NT_005612	47776866				LOC253462		G/A	G
872478	4	16192532	NT_006316	7179542	NM_001290	intragenic		LDB2	9079	C/G	C
313578	4	24910810	NT_006316	15897820						C/G	C
1548315	4	170425968	NT_022792	2253039	NM_016081	intragenic		KIAA0992	23022	T/G	T
32939	5	141115746	NT_029289	2295525				LOC253833		A/G	A
676015	6	2054647	NT_034880	2004647	NM_001500	intragenic		GMDS	2762	C/T	C
325447	7	127007287	NT_007933	52643276	NM_014390	intragenic		p100	27044	A/C	C
1044011	8	12716901	NT_015280	752723	NM_006094	downstream		DLC1	10395	T/G	T
12981	9	119060672	NT_008470	27429637	XM_071148	downstream		LOC138879	138879	C/T	T
803715	9	119296126	NT_008470	27665091	NM_012197	intragenic		MINAB	54542		
876129	10	53528644	NT_008583	2187391	NM_006258	intragenic		GAPCENA	23637	A/G	G
1627521	12	54625422	NT_029419	17051981	NM_005337	intragenic		PRKG1	5592	C/G	G
1323140	13	42995854	NT_024524	12633709	NM_017993	intragenic		HEM1	3071	T/C	T
1112370	13	94083077	NT_009952	8336115	NM_014305	intragenic		FLJ10094	55088	A/G	G
12465	14	58564580	NT_026437	40494580				TDPGD	23483	C/T	C
1054745	14	99900494	NT_026437	81830494	XM_096734	upstream		LOC196906		A/G	G
841229	16	4731448	NT_010552	2072589	XM_048119	intragenic		LOC145197	145197	G/A	A
1344533	16	11700749	NT_010393	3046529				KIAA0544 (MGRN1)	23295	C/T	T
769425	17	3070207	NT_010718	1966288	NM_014555	intragenic		LOC256098		A/G	G
								OR1A1	8383	T/G	T

FIGURE 1-B

SNP Reference	Chromosome	Chromosome Position	Contig Identification <sup>[1]</sup>	Contig Position	Sequence Identification <sup>[2]</sup>	Sequence Position	Synonymy	Locus	Locus ID	Allelic Variability	Breast Cancer Associated Allele
8196	17	49113038	NT_010783	4064158	NM_020038	downstream		ABCC3	8714		
492170		2642365	NT_010859	2642365		downstream		LOC284081	284081	C/T	T
476476	18	2728163	NT_010859	2728163	XM_113962	downstream		MGC15396	91369		
AB	19	SEE FIG 2				upstream		KIAA0650	23347	G/A	G
760427	21	44572633	NT_011515	1028729				KIR2DL1, LOC199712, LOC115653 & KIR2DL2		C/T	C
896169	7	131252108	NT_007933	5688097	XM_039393	intragenic		PFKL & AIRE		A/G	A
536161	8	93181820	NT_008046	6731200				KIAA1550	57671	C/A	C
487105	11	64797043	NT_033903	9647425	NM_004579	downstream				T/A	A
220479	17	3607984	NT_010718	2504065	NM_002208	downstream		MAP4K2	5871		
892005	5	151163779	NT_029289	12343558	NM_005754	intragenic	I465V	SF1	7536	A/G	A
3088091	15	51386678	NT_010194	24597151		intragenic		ITGAE	3682	G/A	G
								G3BP	10146	G/A	G
										A/G	A

[1] Contig Accession Number which can be found in the NCBI Database:

http address: [www.ncbi.nih.gov/entrez/query.fcgi](http://www.ncbi.nih.gov/entrez/query.fcgi)

[2] Sequence Identification or Nucleotide Accession Number which can be found in the NCBI Database:

http address: [www.ncbi.nih.gov/entrez/query.fcgi](http://www.ncbi.nih.gov/entrez/query.fcgi)

## FIGURE 2

AA: GP03\_062747276

CCAGGTTTTAAATAATTTAACAGTAAGATAATTCTCTTATGAGTTTAAATTTATGTTTTGGTATTTTATCATTTTCTTTTCCCTTTCCAGCAAGGC  
TACACYAACACCTTCCTTGGGGA CTGGAAACAATAATCAGGATCTTAAGATTTTCTTAATAATCTTAAGATTTTAAATCAAAAAGACTTCTAGGATTC  
TTTTTTCACCTGC

AB: GP19\_068011047

GGTTAAACCTCTTCCTTATTGGCTTTCTGTGAGCTTGGGATCATATGGAAAATGTGAAAGCCCTCCTGAACCCACAGCACAGGTCCTGGAAT  
AGAGAAACRTGCTCTGTTCA TGGCATAAAACTTGCCCCCTTCACCCAAATCCCCCAATTTCATCTCTACTTCCAATCACCTATGGAGATACAGATA  
GATCATGGGGGAGGTA

AC: FCH-0994

CACGTTCTCCCGGGTCTCCCGGTTTTTCGCCCCCCCAGGGTGACGTTGCAGAYCAGCTGCCTGGCACCCCTCCTGCTCTGGGCTAGCTGTGGCTGTG  
GCAGTGG